

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Viktor V. Jarikov, et al

AGGREGATE ORGANIC LIGHT
EMITTING DIODE DEVICES
WITH IMPROVED
OPERATIONAL STABILITY

Serial No. To be assigned

Filed Herewith

Group Art Unit:

Examiner:

Express Mail Label No. EV293538308US

10-22-03
Date

Commissioner for Patents
P.O. Box 1450
Alexandria, VA. 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT FOR CONSIDERATION
BY THE OFFICE UNDER 37 C.F.R. 1.97-1.99

Enclosed herewith are patents and/or publications for consideration by the Patent and Trademark Office in regard to the invention claimed in the above-described application. In compliance with §1.56, such documents are listed in the enclosed Form PTO-1449.

Applicants request that the Patent and Trademark Office make of record the above-identified documents. A full text copy of each document is attached, except for copies of U.S. patents and U.S. patent application publications. For documents not in English, an English translation or an equivalent English language patent or publication may be attached. Where a translation is not available, a concise explanation of the relevance of each document not in English is included either here or in the specification.

This Information Disclosure Statement (hereinafter "Statement") is submitted according to the following selected paragraph:

- I. ☒ This Statement is being filed under §1.97(b) within three months of the filing date of the application (other than a CPA), or before the mailing of a first Office action on the merits or before the mailing of a first Office action after the filing of a request for continued examination.
- II. ☐ This Statement is being filed under §1.97(c), with fee, **prior** to the mailing date of any of a final action, a notice of allowance or an action that otherwise closes prosecution in the application. Please charge the fee required by §1.17(p) to Eastman Kodak Company Deposit Order Account Number 05-0225. A duplicate copy of this Certification is enclosed.

III. ☐ This Statement is being filed under §1.97(c), with a certification under, §1.97(e) **prior** to the mailing date of any of a final action, a notice of allowance or an action that otherwise closes prosecution in the application. The undersigned hereby states that (check one):

☐ each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.

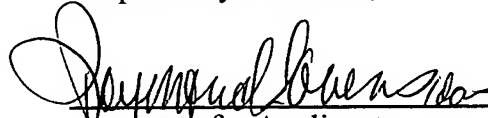
☐ no item of information in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification under §1.97(e) after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this Statement.

IV. ☐ This Statement is being filed under §1.97(d), with fee and certification under §1.97(e), on or after the mailing date of either a final action, a notice of allowance (but prior to payment of the issue fee) or an action that otherwise closes prosecution in the application. Please charge the fee required by §1.17(p) to Eastman Kodak Company Deposit Order Account No. 05-0225. A duplicate copy of this Certification is enclosed. The undersigned hereby states that (check one):

☐ each item of information in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.

☐ no item of information in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification under §1.97(e) after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this Statement.

Respectfully submitted,



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Enclosures

FORM PTO-1449 US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Atty. Docket No. 86541RLO Customer No. 01333	Serial No. To be assigned
If AFTER the later date of the first Office Action or 3 months from filing, use only with Rule 97(E) Certificate or Fee LIST OF ART CITED BY APPLICANT <i>(Use several sheets if necessary)</i>	Applicant: Viktor V. Jarikov, et al	
	Filing Date Herewith	Group

U.S. PATENT DOCUMENTS

Examiner Initial*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,769,292	09-06-1988	Tang et al.			
	5,141,671	08-25-1992	Bryan et al.			
	5,593,788	01-14-1997	Shi et al.			
	5,908,581	06-01-1999	Chen et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initial*	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
	1 162 674	12-12-2001	EPO			YES	NO
	01284050A	03-30-2000				X	
	99273861A	03-24-1998	Japan			X	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	"Organic electroluminescent diodes" by C.W. Tang et al., Applied Physics Letter 51 (12) September 21, 1987, pages 913-915
	"Red organic light-emitting diodes using an emitting assist dopant" by Yuji Hamada et al., 1999 American Institute of Physics, September 20, 1999, pages 1682-1684
	"Improving the efficiency and stability of organic light emitting devices by using mixed emitting layers" by Zoran D. Popovic, et al, SPIE Conference on Organic Light-Emitting Materials and Devices, San Diego, California July 1998, SPIE Vol. 3476
	"Electroluminescence of doped organic thin films" by C.W. Tang et al., Journal Applied Physics 65 (9), May 1, 1989, pages 3610-3616
	"Double injection electroluminescence in anthracene" by J. Dresner, RCA Review June 1969

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	